

In the Claims:

Please substitute the following claims:

Sub D1 Thrice  
1. (~~Twice~~ Amended) An assemblage of corn seeds, obtained from a plant or plants belonging to a corn line selected from the group consisting of LS0417 (ATCC Accession No. PTA-1397), LS1498 (ATCC Accession No. PTA-1396), LS288 (ATCC Accession No. PTA-3642), and sublines produced therefrom, said assemblage having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less, by weight relative to the total fatty acid content of said seed.

Sub D2 Thrice  
4. (~~Twice~~ Amended) The assemblage of corn seeds according to claim 1, wherein said seeds are obtained from a plant or plants belonging to the LS0417 (ATCC Accession No. PTA-1397) corn line, or sublines produced therefrom.

Sub D3 Thrice  
5. (~~Amended~~) The assemblage of corn seeds according to claim 1, wherein said seeds are obtained from a plant or plants belonging to the LS1498 (ATCC Accession No. PTA-1396) corn line, or sublines produced therefrom.

Sub D4 Thrice  
6. (~~Twice~~ Amended) A corn plant, belonging to a corn line selected from the group consisting of LS0417 (ATCC Accession No. PTA-1397), LS1498 (ATCC Accession No. PTA-1396), LS288 (ATCC Accession No. PTA-3642), and sublines produced therefrom, said plant producing seeds having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less, by weight relative to the total fatty acid content of said seeds.

Sub D5 Thrice  
10. (~~Twice~~ Amended) The corn plant according to claim 6, wherein said corn plant belongs to the LS0417 (ATCC Accession No. PTA-1397) corn line, or a subline produced therefrom.

11. (Amended) The corn plant according to claim 6, wherein said corn plant belongs to the LS1498 (ATCC Accession No. PTA-1396) corn line, or a subline produced therefrom.

16. (Twice Amended) A method for producing low saturate corn material comprising the steps of:

- (a) obtaining a plurality of corn seeds, from a plant or plants belonging to a corn line selected from the group consisting of LS0417 (ATCC Accession No. PTA-1397), LS1498 (ATCC Accession No. PTA-1396), LS288 (ATCC Accession No. PTA-3642), and sublines produced therefrom, said corn seeds having a mean saturate content of less than about 7.0%, a mean oleic acid content of at least 64.9%, and a mean linoleic acid content of 27.4% or less;
- (b) growing out said plurality of corn seeds to obtain a population of corn plants;
- (c) intermating plants from said population to produce first seeds;
- (d) subjecting said first seeds to selection based on saturate content, such that a predetermined saturate percentage of said first seeds is retained to obtain a group of selected seeds;
- (e) growing said selected seeds into plants;
- (f) intermating said plants to produce second seeds; and
- (g) with said second seeds obtained, repeating steps (b), (c), (d), (e), and (f) at least once, whereby plants producing seeds that have a mean saturate content of less than about 7.0% by weight are obtained.

Please add the following new claims 18-22:

18. (Added) The assemblage of corn seeds according to claim 1, wherein said seeds are obtained from a plant or plants belonging to the LS288 (ATCC Accession No. PTA-3642) corn line, or sublines produced therefrom.

19. (Added) The corn plant according to claim 6, wherein said plant belongs to the LS288 (ATCC Accession No. PTA-3642) corn line, or a subline produced therefrom.

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20. (Added) The method according to claim 16, wherein said corn seeds are obtained from a plant or plants from the LS0417 (ATCC Accession No. PTA-1397) corn line, or sublines produced therefrom.

21. (Added) The method according to claim 16, wherein said corn seeds are obtained from a plant or plants from the LS1498 (ATCC Accession No. PTA-1396), corn line or sublines produced therefrom.

22. (Added) The method according to claim 16, wherein said corn seeds are obtained from a plant or plants from the LS288 (ATCC Accession No. PTA-3642), corn line, or sublines produced therefrom.